| Index of Claims |  |
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Application No.

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Art Unit

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|                   |                      | L        | <u></u>      |  |          |          |          | {           | ᆚ              |      |          |           |           |           |                                       |              | J                                    | L                                      | L.                                     |           |       |            |       | J          | L        | 丄        |  |          |           |           |           |
|-------------------|----------------------|----------|--------------|--|----------|----------|----------|-------------|----------------|------|----------|-----------|-----------|-----------|---------------------------------------|--------------|--------------------------------------|--|--|-----------|-------|------------|-------|------------|----------|----------|--|----------|-----------|-----------|-----------|
|                   |                      |          |              |  |          |          |          |             |                | _    | _        |           |           |           |                                       |              |                                      |  |  |           |       |            |       |            |          |          |  |          |           |           |           |
| Clai              | m                    | Date     |              |  |          |          |          |             | Clalm          |      |          |           |           |           |                                       | Date         |                                      |  |  |           |       | Claim      |       |            | Date     |          |  |          |           |           |           |
| Final             | Original             | 2504     |              |  |          | .        |          |             |                |      |          | Ocioio    | 101112    |           |                                       |              |                                      |  |  |           |       |            | Final | Orlginal . |          |          |  |          |           |           |           |
|                   | 40                   |          |              | 7                                      | 7        | 7        | 7        | 7           | 7              | 7    | -        | 5         | 1         | 1         | 7                                     | 7            | 1                                    |  |  | 7         | 7     | 1          |       | 101        | 1        | 1        | 1-   | 1        | 1-        | 1-        | $\vdash$  |
|                   | 2                    | <u>コ</u> | $\Box$       |  |          |          |          |             |                | ]    |          | 52        |           |           | 1                                     |              |                                      |  |  |           | ].    | 1          |       | 102        |          | 1        | 1  | 1        | 1         |           | П         |
|                   | 1                    | -        |              | _                                      | $\Box$   |          | $\Box$   |             |                | ].   |          | 53        | 3         |           | ]_                                    |              |                                      |  |  |           | ]     |            |       | 103        |          | 1        |  | 1        | 7         |           | П         |
| -                 | 1                    | _        |              |  | _        |          |          |             |                | ]    |          | 54        |           |           | $\perp$                               |              |                                      |  |  |           | ]     |            |       | 104        |          |          | floor  | Ι        |           |           |           |
|                   | 1                    | _        | 4            | _ .                                    | 4        | 4.       | _ _      | _ _         | _ _            | 1    |          | 55        |           | _         | 1_                                    | 1_           | Ш                                    | $\Box$                                 | _                                      | _ _       | _  ⋅  | [_         |       | 105        |          | L        | 1_   | 1_       | _         |           |           |
|                   | 1                    | _ .      | -            | 4                                      | 4        | - -      | ┵        | - -         | 4_             | 4    | _        | 56        |           | - -       | 1_                                    | 1_           | Ш                                    | $\perp$                                | _ .                                    |           | _     | 1          |       | 106        | _        | ļ_       | $\perp$  | L        | 1_        | _         | Ш         |
|                   | 3                    |          |              | - -                                    |          |          | - -      | - -         | - -            | -    | -        | 57        |           | 1-        | 4_                                    | 4_           | $\sqcup$                             |  |  |           | 4     | -          |       | 107        |          | <u> </u> | ↓_   | 1        | 4_        | $\Box$    | -         |
| }                 | 9                    | +        |              |  |          | - -      | - -      | - -         | - -            | ┨    | ·        | 58        |           | -         | 1-                                    | ┨—           | ┦                                    | $\dashv$                               |  | - -       | ┦.    | -          |       | 108        | _        | -        | ┼-   | ╀        |           |           | 1         |
| <b>}</b>          | <del>-   -  </del> - | +        |              | +                                      |          |          | - -      | +-          | -              | ┨    | 1-       | -59<br>60 |           |           | ┼                                     | <del> </del> | $\vdash$                             | $\dashv$                               |  |           | ┨     | }-         |       | 109        | -        |          | ╁  | ╂        | ┨         | -         | -         |
| I I               | -                    | -        | -}-          |  | +        | - -      | -        | +           | -              | 1    |          | 61        | _         | -         | ╁╌                                    | 1-           | Н                                    | -                                      |  | ╁         | -1:   | -          |       | 111        | -        | -        | +-   | ╁╌       | ┼-        | H         | $\dashv$  |
|                   | -                    | -        | +            | - -                                    | +        | +-       | -        | 1-          | +-             | 1    | }        | 62        |           | 1-        | +-                                    | $\vdash$     | $\vdash$                             | 十                                      | +                                      |           | 1     | +          | _     | 112        | -        |          | ╁  | ╁        | ╁         | $\vdash$  | $\dashv$  |
| 1                 |                      | -        | 7            | 7                                      | 7        | 7        | 1-       | 7-          | 1              | 1    | 1        | 63        | 1-        | 1         | 1-                                    | 1-           |                                      | 7                                      | 1                                      |           | 18    | 1          |       | 113        |          |          | <del>                                     </del> | ╁        | 1-        |           | 7         |
| 1                 | 4                    | - ]      | 7.           | 7                                      | 1        | 7        | 7        | 7           | 1              |      |          | 64        | 1         | 1-        | 1                                     |              |                                      | $\exists$                              | 7                                      |           | 7::   | Τ          | 1     | 114        |          |          |  | Γ        | 1         |           | $\dashv$  |
| 1                 | 5                    | .]_      | $\perp$      | ]_                                     |          | floor    |          |             | 1_             | ]: [ |          | 65        |           |           |                                       |              |                                      | $\exists$                              |  | $\Box$    |       |            |       | 115        |          |          |  |          | 1_        |           | $\exists$ |
|                   | 5                    | _ _      | 1            | 4                                      | 1_       | 1_       | 1_       | 1           | 1_             |      | <u> </u> | 66        | _         | _         |                                       |              | _                                    | 4                                      | _ _                                    |           |       | L          |       | 116        |          |          |  |          |           |           | $\supset$ |
|                   | 7                    |          | _            | 4_                                     | 4_       | 4_       | 4_       | 1_          | 1_             |      |          | 67        | 1_        |           | _                                     |              | 4                                    | 1                                      | 4_                                     | 4_        | 15    | L          |       | 117        | _        |          |  | L.       | _         | $\Box$    | _ _       |
|                   | B   .                |          |              | - -                                    | 4_       | -        | -        |             |                |      |          | 68        | -         |           | _                                     | Ш            | -                                    |  | - -                                    | - -       | -     | _          |       | 118        |          | _        |  | _        | <u> _</u> | -1        | 4         |
| 2                 | 5                    |          | - -          | -                                      | ┪-       | ╁        | -        | ╂           | ├              |      | }        | 69<br>70  | -         |           | _                                     | $\vdash$     | -                                    | +                                      | +                                      | +         | -:::  | }-         |       | 119        | 4        | _        | $\vdash$   | _        |           | $\dashv$  | -         |
| 7                 |                      |          | +-           | +-                                     | ╁        | ╁        | ┨—       | ┤           | <del> </del> — |      |          | 71        | 1-        | -         | -                                     | $\dashv$     | +                                    | +                                      | - -                                    | +-        | ਿੰ    | $\vdash$   |       | 120        | -        | $\dashv$ | Н  | <u> </u> | Н         | $\dashv$  | +         |
|                   | <u>.</u>             |          | 1-           | 1-                                     | 1-       | ┧        | 1—       | 1-          |                |      |          | 72        | Н         | $\vdash$  | -                                     | $\dashv$     | +                                    | +                                      | - -                                    | +         | 1     | ┢          |       | 122        | -        | $\dashv$ | $\dashv$   |          |           | $\dashv$  | -         |
| 1                 |                      |          | †-           | 1                                      | †-       | 1-       | ╁        | ╁╌          | -              |      | -        | 73        | 1-1       |           |                                       | -            |                                      | +                                      | 十                                      | +-        | 1:::  | -          |       | 123        | 7        | 7        | -  |          |           | 1         | +         |
| 1                 | 1 -                  |          |              |  |          | 7        |          | 1           |                |      |          | 74        | $\Box$    | $\exists$ |                                       | 7            | 7                                    | 7                                      | 1                                      | 1         |       | Г          | 1     | 124        | 7        | 7        | $\neg$   |          |           | 7         | 十         |
| 1                 | -                    |          |              | 1                                      |          |          |          |             |                |      |          | 75        |           |           |                                       | 7            |                                      |  | 1                                      |           | ]     | Г          |       | 125        | $\neg$   |          |  |          |           | $\exists$ | $\exists$ |
| 2<br>2<br>2<br>26 | <u> </u>             |          | _            | L                                      |          |          |          | $\subseteq$ |                |      |          | 76        |           |           | $\Box$                                | $\Box$       | $\Box$                               | $\perp$                                |  |           | ]     |            |       | 126        | $\Box$   | $\Box$   | $\Box$   |          |           | $\Box$    | $\Box$    |
|                   |                      | 1_       | <u> </u>     | <u> </u>                               | <u> </u> | _        | _        |             |                |      |          | 77        | $\square$ | _         | _                                     | _            |                                      | 1                                      | 4_                                     | 4_        | ] ;;  | <u> </u> _ |       | 127        | 4        | 4        |  | _        | Ш         | 4         | 4         |
| <b>2</b> 5        |                      | 1_       | _            | _                                      | !_       | _        |          | _           | Ш              |      |          | 7€        | _         | -         | _[                                    |              | _ _                                  | 4                                      | 4-                                     | -1        |       | L          |       | 128        | 4        | 4        | _  |          | Ш         | _         | 4         |
| 30                |                      |          | <del> </del> | <u> </u>                               |          |          |          |             | -              |      |          | 79        |           | -         | 4                                     | 4.           |                                      | <u>-i</u> -                            | - -                                    |           | li d  | -          |       | 129        | +        | -        | -  | _        | -         |           |           |
| 31                |                      |          | -            | <u> </u>                               | -        | -        | -        | -           | $\dashv$       |      |          | 80        |           | +         |                                       |              |                                      | +-                                     | +-                                     | ┨—        | 1     | -          |       | 130        | +        | +        |  | -        | $\dashv$  | $\dashv$  | +         |
| 32                |                      | ı        |              | -                                      | -        | -        |          | -i          | $\dashv$       |      |          | 82        | -         | -         | +                                     |              | - -                                  | ╁                                      | -                                      | ╁         | : : : | -          |       | 132        |          | +        | $\dashv$   |          | $\dashv$  |           | - -       |
| 33                |                      | i        | 1            | H                                      |          | $\vdash$ | $\dashv$ | $\vdash$    | $\dashv$       |      |          | 83        | -         | +         | -                                     | ┪            | +                                    | +                                      | 1-                                     | 1-        |       | -          |       | 133        | 1        | 7        | $\dashv$   |          | $\dashv$  | 7         | +         |
| 3                 |                      | 1-       |              |  |          |          | $\dashv$ | -           |                |      |          | 84        | -         | 7         | 7                                     |              | ┪                                    | 1                                      | 1-                                     | 1         |       | Г          |       | 34         | 7        | 7        | 寸  |          |           | 7         | ナ         |
| 35                | Ŀ                    |          |              |  |          |          |          |             |                |      |          | 85        | $\exists$ |           | 1                                     | 1            |                                      | $\mathbf{I}$                           | $\Gamma$                               |           |       |            | 1     | 35         |          |          | コ  |          | $\Box$    | $\Box$    | $\perp$   |
| 36                | Ŀ                    |          |              |  |          |          | $\Box$   | $\Box$      |                |      |          | 86        |           | $\Box$    |                                       |              | $\perp$                              |  |  |           |       |            |       | 36         | I        | I        | $\supset$  |          | $\Box$    | 1         | $\perp$   |
| 37                | <u> -</u>            |          | Ш            | $\sqcup$                               | Ц        | Ц        | _[       | _           | _              |      |          | 87        | _[        | 1         | _[                                    | 4            |                                      | 4_                                     | 1                                      | _         |       | <u> </u>   |       | 37         | 1        | _        | 4  | _        | 4         | 4         | 4         |
| 38                | <del> </del>         |          | $\square$    | 4                                      | 4        | $\sqcup$ | 4        | _           | _              |      |          | 88        | 4         | 4         | 4                                     | _ _          | 4                                    | 4                                      | <del> </del>                           | -         |       | L.         |       | 38         | 4        | 4        | -  | _        | -         |           | - -       |
| 39<br>40          | <del>  :</del>       | $\vdash$ | $\vdash$     | 4                                      | $\dashv$ | $\dashv$ | -        | -           |                | 1    |          | 89        |           | 4         |                                       | 4            | 4-                                   | -                                      | -                                      | 1-        |       | L          |       | 39<br>40   | 4        | -        | $\dashv$   | -1       | -         |           | +         |
| 41                | -                    | $\vdash$ |              | $\dashv$                               |          |          | -        | $\dashv$    |                | 1    |          | 90        |           | +         | +                                     | +            | - -                                  | 1-                                     | ╁                                      | $\vdash$  |       |            |       | 41         | +        | +        |  | -        | -1        |           | +         |
| 42                | -                    |          | -            | $\dashv$                               | -        | -        | $\dashv$ | $\dashv$    | $\dashv$       | 1    |          | 92        | +         |           | +                                     |              | +-                                   | ┪                                      | 1                                      | $\vdash$  |       | -          |       | 42         | +        | +        | +  | 7        | 十         | +         | 1         |
| 43                | -                    | $\neg$   | $\neg$       | $\neg$                                 | $\dashv$ | $\dashv$ | 寸        | 7           | ٦.             | ŀ    | $\neg$   | 93        | 1         | 1         | +                                     | +            | +                                    | 1-                                     | 1                                      | П         |       | -          |       | 43         | 7        | 7        | 7  | ᅦ        | $\neg$    |           | 7         |
| 44                | V                    |          | J            |  | _]       |          | 7        | _1          | ]              | 1    |          | 94        |           |           | _                                     | 7            | ]_                                   | $\mathbf{I}^{-}$                       | $\Gamma$                               |           |       |            | 1     | 44         | J        | 1        | 丁  | $\Box$   |           |           | I         |
| 45                | 1                    |          | $\Box$       | $\Box$                                 | $\Box$   | $\Box$ . | $\Box$   | $\exists$   |                | 1    |          | 95        |           |           |                                       | $\Box$       |                                      |  | I                                      |           |       | _          | 1     | 45         | I        | Ţ        | $\Box$   |          | $\Box$    | $\Box$    | $\perp$   |
| 46                | 1                    | _        | _1           | _[.                                    |          | $\perp$  | _[       | ╝           | _]             |      |          | 95        |           |           | $\perp$                               | _[_          |                                      | 1                                      | 1                                      | $\square$ |       |            |       | 46         |          | 1        |  | (        | _         |           |           |
| 47                | 1                    | _        | _            | _                                      | _        |          | 4        | 1           | 4              | 1    |          | 97        | _ _       | - -       | 4                                     | - -          | 4_                                   | 1_                                     | 1                                      | لــا      |       |            |       | 47         | <u>.</u> | 1        | -  | _        |           |           | <u>Ļ</u>  |
| 48                | 7                    | -1       | -            |  | -        |          |          | 4           | 4              | -}-  |          | 96        |           |           | - -                                   | - -          | - -                                  |  |  | $\vdash$  |       | _          |       | 48         | - -      | +        | +  | 4        |           |           | +         |
| 50                | ~                    | -1       | -            |  |          | -        |          |             | -1"            | ႃ    |          | 99        | - -       | -         |                                       | - -          | - -                                  | 1-                                     |  | ⊢∤        |       | _          |       | 49         | - -      |          | -  | 4        | -         | -         | +         |
| 1 30              | لسا                  |          | _1           | ــــــــــــــــــــــــــــــــــــــ | _1       |          | Щ.       |             |                | L    |          | 100       | L_        |           | ـــــــــــــــــــــــــــــــــــــ |              | ــــــــــــــــــــــــــــــــــــ | ــــــــــــــــــــــــــــــــــــــ | ــــــــــــــــــــــــــــــــــــــ | اا        | ઃા    |            | _1.1  | 50         |          | ᆚ        | L  | _        | i         |           |           |

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